

On the Kinematics of Ocean Waves, by V. V. Shule~~kin~~^{kin},
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1043-.

Consultants Bureau

Sci - Geophysics
Jul 58

66,740

(FDD 21176)

How the Energy of the Wind Is Transferred to the
Waves, by V. V. Shuleykin, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Nov Ser,
Vol XCI, No 5, Moscow/Leningrad, 1953, pp 1097-1082.

CIA/FDD/U-6052

USR

Sci - Geophysics, wind-wave energy

Jul 54 CTS

17,250

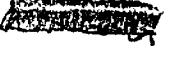
(TDD 22125)

The Destruction of Waves Under the Action of Shoal
Water, by V. V. Shuleykin, 25 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Geofiz,
No 1, Moscow/Leningrad, Jan/Feb 1954, pp 65-76.

CIA/TDD/U-6541

SCB

 1968

Scientific - Mathematics, physics, hydrophysics

Oct 54 CTS

CIA/DK

(FDD 21278)

The Destruction of ζ Waves on a Shoal, by Acad V. V.
Shuleykin, 2 pp.

RUSSIAN, no per, Vest Ak Nauk SSSR, No 12, Moscow,
Dec 1953, pp 75, 76.

CIA/FDD/U-⁵983

15, 455

USSR
Sci - Physics, marine hydrophysics

Increase of Length of Large Wind-Generated Waves
and Turbulent Internal Friction, by V. V. Shuleikin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 3,
1957, pp 560-.

Consultants Bureau

Sci - Geophysics
Jul 58

66,737

Shuleikin, V. V.

ANALYSIS OF MEASUREMENTS OF LARGEST WIND-
CAUSED WAVES IN THE OCEAN (Analiz Izmerenii
Predel'no Bol'shikh Vetrovых Voln v Okeane). [1952]
[11]p. (foreign text included) 6 refs.
Order from OTS or SLA \$1.60

62-16571

Trans. of Akademiya Nauk SSSR. Doklady, 1955,
v. 110, no. 1, p. 53-56.

DESCRIPTORS: Water waves, *Ocean waves, Wave
analysis, *Wind, Turbulence, Meteorology, Oceanog-
raphy, Marine meteorology, Measurement.

To determine the quantitative characteristics of wave-
formation an analysis is made of the elements of the
largest waves in the ocean on the basis of previous
theoretical considerations (Akad. Nauk SSSR Doklady
104: 397, 1955). (See also 61-27499)
(Earth Sciences--Oceanography, TT, v. 9, no. 3)

62-16671

I. Shuleikin, V. V.

C227540

Office of Technical Services

The Development of Marine Waves From Origin to Maximum Steepness, by V. V. Shuleikin, 4 pp.

RUBRIAN, per, Dok Ak Nauk SSSR, Vol CIXXII, No 3,
1958, pp 472-.

Consultants Bureau

Sci - Geophys

Jan 59

79,367

The Steepe^{ness} of Growing Waves at Different Wind Velocities, by V. V. Shul'c^ykin, 4 p.

RUSSIAN, pg, Dok Ak Nauk SSSR, Vol CXXIII,
No 6, 1958, pp 1010-.

CB

Sci
Feb 60

106, 924

Telluric Currents in the Ocean and Magnetic
Declination, by V. V. Shuleikin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX,
No 2, 1958, pp 257--. 260

Consultants Bureau

Sci - Geophys

Mar 59

SLA: 61-12741 83,038

Characteristic Parameters of the Wind Wave
Field in the Ocean, by V. V. Shuleikin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX,
No 2, 1953, pp 1133--.

6

Consultants Bureau

Sci - Geophys

Mar 59

83,039

More Accurate Computation of Wind-waves of Given
robability, by V. V. Suleikin, pp 8.

USSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 1,
1963, pp 156-160.

AGU

ci

340, 297

un 63

A Physical Basis for Forecasting Wind-Generated Waves in the Ocean, by V. V. Smirkin, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 5, 1959, pp 710-724.

Amer Geophys Union

Sci -
Aug 60

122,152

A Definite Integral of the Equation of a Field of Wind-Generated Waves in the Ocean and its Physical Significance, by V. V. Shul'gin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 6,
1958, pp 1005-

CB

Sci
Nov 59

101,022

Development of Sea Waves From Their Initiation
to the Phase of Maximum Steepness, by V. V.
Shoulekhin, 6 pp.

RUSSIAN, per, DokAk Nauk SSSR, Vol CXVIII, 1958,
pp 472-475.

AEC 3452

Sci - Geophys

Dec 58

77,951

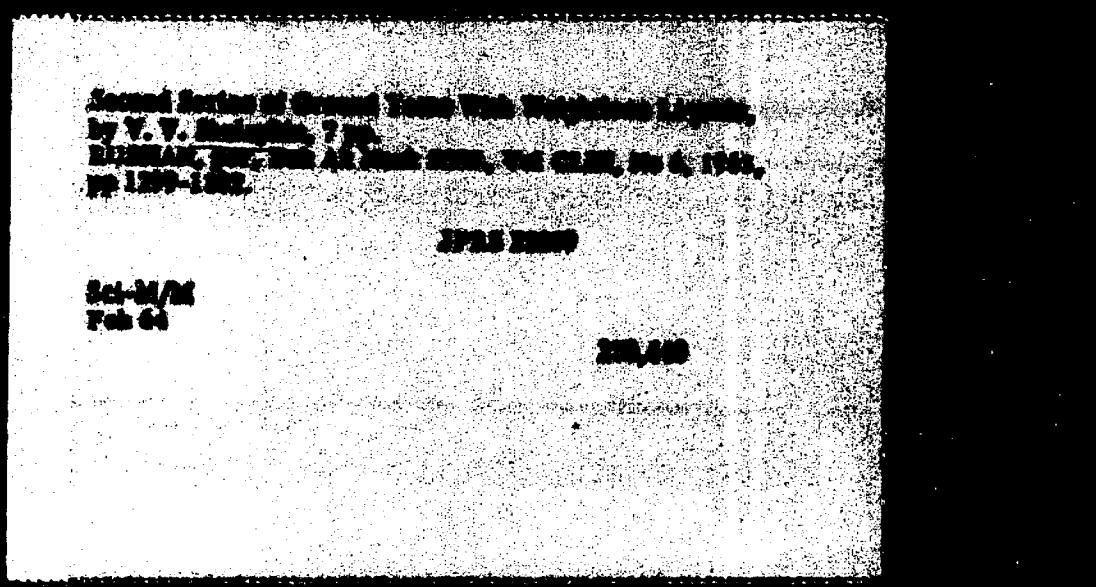
Wind-wave Profile and recording it on bottom wave
graphs, by V. V. Shuleikin.
BULGAR, per, Doklady Akad. Nauk SSSR, Vol 115,
No 3, 1957, pp 515-518,
Dept of Navy Tr 3119
NVL/ASD T-1966

51

V. V. Shuleikin

sci/kmrt sci
Feb 67

318,510



Magnetic and Electric Phenomena in the Sea, by
V. V. Shuleikin, 43 pp.

RUSSIAN, bk, Kratkiy Kurs Fiziki Moria,
Chapter VIII, 1959, pp ~~422~~ 442-475.

Navy Tr 322/HQ 135

Sci - Geophys

Sep 62

211, 288

Fluctuations in . . . the Heat Balance of the
Atlantic Ocean, by V. V. Shuleikin, V. F.
Gushchlin, P. I. Peshkov, 15 pp.

RUSSIAN, per, Iz Ak Nauk SSSR,
Seriya Geofizicheskaya, No 6, 1958, pp 729-740.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

107,657

Feb 60

SLA: 61-A010

Fluctuations in the Thermal Balance of the
Atlantic Ocean, by V. V. Shuleykin, V. F.
Gushchin, P. I. Peskov, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 6,
1958, pp 729-740. 9658742

Sci - Geophys
Nov 59

Amer Geophys Union
T-P-257
100,960

Separation of the Monsoon Component From the General
Atmospheric Currents, by V. V. Shuleikin, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXI,
No 6, 1950, pp 1057-1060.

SLA Tr 1481

Sci
May 58

See Mund Lib 57/2652
Dok Ak Nauk SSSR, Vol LXXI
T. 242 R

57.394

Geomagnetic Effects of Oceanic and Monsoon Wind
Electric Circulations, by V. V. Shuleikin, L. A.
Korneva, 22 pp.

RUSSIAN, thrice-mo per., Dok Ak Nauk SSSR, 4 pp
CIA 1140726

SLA Tr R-1465

Sci
May 58

63,521

SHULEKIN, V. V.

Thermobaric Seiches in the Atmosphere as a Factor in
Weather Sequence
Iz Ak Nauk SSSR, Ser Geograf i Geofiz, p 3-25, 1942.

HQ, Air Weather Service, A-2, Technical Research Files
mll/S56.

A 110 b³

Soviet Physics of the Sea After 40 Years, by
V. V. Shuleykin, 21 pp. UNCLASSIFIED

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Geofiz, No 11,
Moscow, Nov 1957, pp 1366-1383.

US JPRS/NY-L-63

Sci - Geophysics DSIR 330-717
Apr 58

61,536

How the Pilot Fish Moves With the Speed of the
Shark, by V. V. Shuleykin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 5,
1958, pp 929-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91,868

The Present Status of the Theory of Ice Field Drift,
by V. V. Shul'mikin, 29 pp.

RUSSIAN, per, Remyati Yuliya Mikhaylovicha
Shokal'skogo, Vol II, Moscow, Izd. Akad. Nauk
SSSR, 1950, pp 63-82. CIA D 151237

AM Nat Soc T-284 RE 9007403

Air Res and
Dev Command
T-199-R

Scientific - Geophysics

22,276 CRS 65/Mar 1955

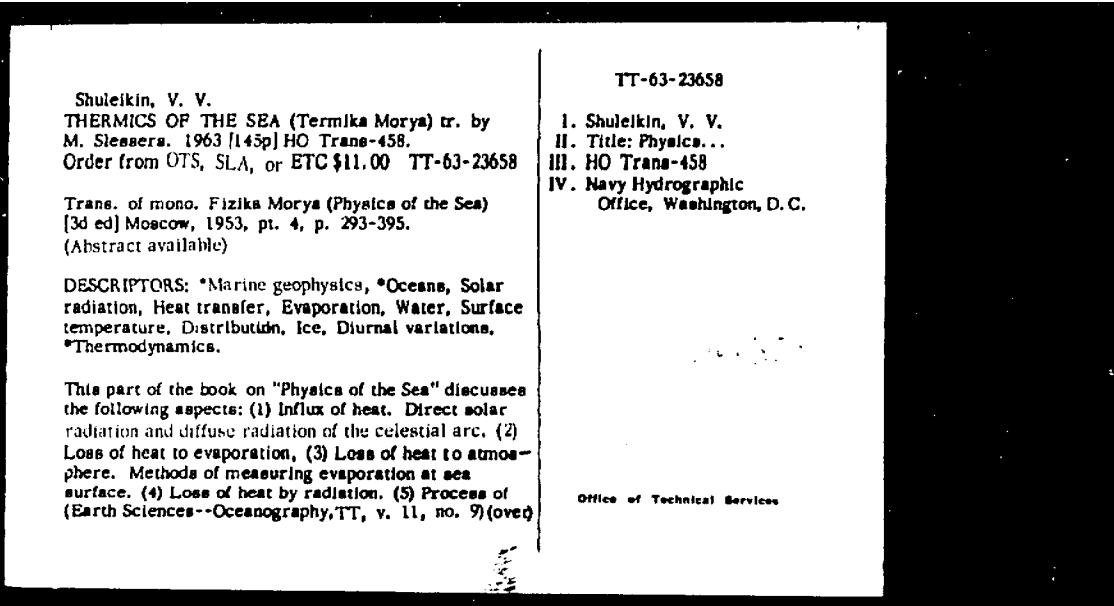
Hydrodynamic Resonance in Summer Monsoon Winds,
by V. V. Shuleikin, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 6, 1960, pp 828-838.

AOU

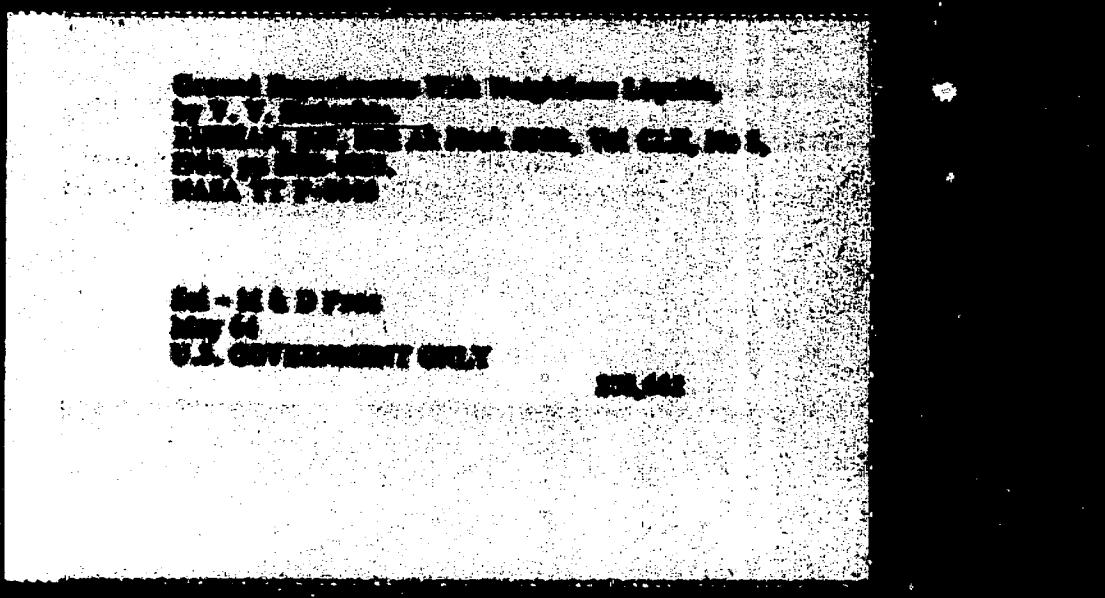
Sci
Feb 61

138, 093



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APPROVED FOR RELEASE: Tuesday, July 01, 2003

CIA-RDP91-00929R000200860065-5

Shape of the Surface of a Liquid in Process of
Losing Its Weightiness, by V. V. Shuleykin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 1,
1962, pp 92-95.

SLA-TT-66-11063

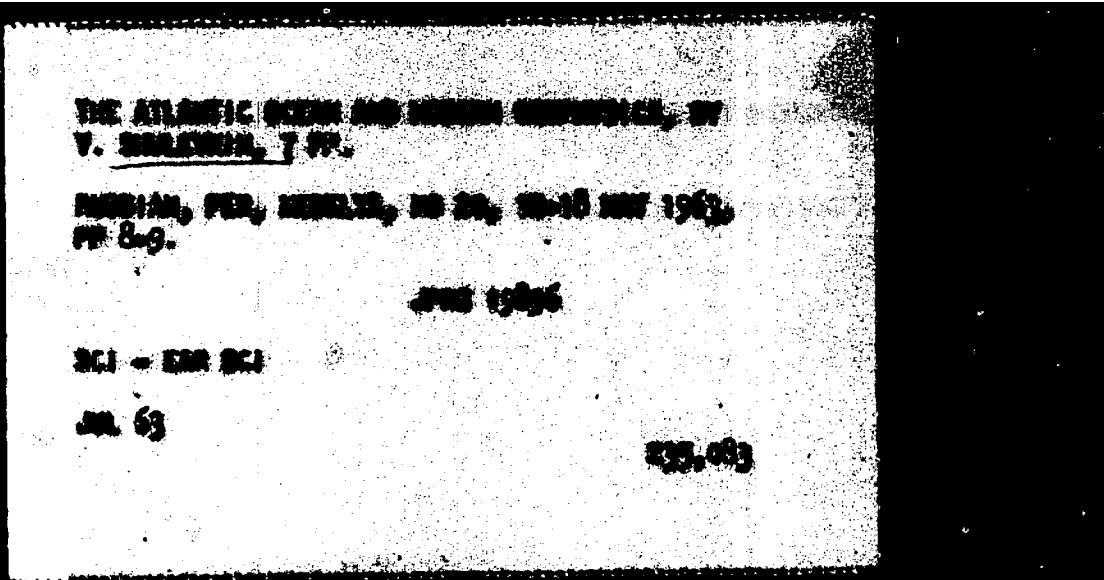
NASA TT P-8373

Sci

Apr 63

US GOV'T ONLY

229,70



More on a Liquid in Process of Losing Its
Weightiness, by V. V. Shuleykin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII, No 5,
1962, pp 1075-1078.

SLA-TT-66-11062

NASA TT F-8374

Sci.
Apr 63
US GOV'T ONLY

229,197

Geomagnetic Effects of Oceanic and Monsoon-
Path Electric Circulations, by V. V. Shulevkin,
L. A. Korneva,

RUSSIAN, per, Akademiia SSSR, Leningrad, Doklady,
Vol LXXVI, No 1, pp 49-52, 1951, Vol.
LXXX, No 6; pp 879-880, 1951, Vol. CVII, No 5,
679-682, 1956.

Am Met Society I-126
DSIR LV n1-1853 (LH&G)

Sci

103, 488

Dec 59

Experimental Testing of the Hypothesis of the
Nature of Magnetic Declination, by V. V. Shuleykin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5, 1960,
pp 1015-1018.

IGC 114

Sci - Geophys
May 60

116,659

The Transport of Heat by Currents in the Closed
Cycle of the North Atlantic, by V. V. Shuleikin,
8 jpp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 2, 1964, pp 264-278.

Amer Geophys Union

Sci
Jul 64

262,749

(FDD 17372)

Outline on the Physics of the Sea, by V. V.
Shuleykin, 354 pp.

RUSSIAN, bk, Ocherki Po Fizike Morya, Moscow, 1949,
pp 3-334.

CTA/wm/u-5229

Essays on the Physics of the Sea. IV, by
V. V. Shuleykin, 480 pp.
RUSSIAN, BK, Ocherki po Fizike Morya, Moscow,
1962. Attachment to CINCUSNAVEUR MS-319-0344-63.
Navy Tr 4044/ONI 1044

P 62

Sci-MX B/M
Mar 65

274,967

(FDD 23999)

Dynamics of the Wind Waves and the Swell, by
V. V. Shuleykin, 41 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Geofiz,
No 5, Moscow, 1954, pp 451-480.

CIA/FDD Tr 393

USSR
Sci - Geophysics, hydrodynamics CTS 66/Mar 55

23,083

Theory of Ocean Waves, by V. V. Shulevkin, 207 pp.
RUSSIAN, per, Trudy Morskogo Gidrofizika Instituta, Vol IX,
1968.
Navy Tr 2035/Oceanographic Tr-204

p102

Sci-Phys
Mar 65

276,991

Physics of a Weightless Liquid, by
V. V. Shuleikin.
RUSSIAN, per, Priroda, No 4, 1964, pp 53-63.
Dept of Navy TX 4670/APL/JHU T 1754

115

Sci-Phys
May 66

300,766

V. V. Shuleikin

Development of Reflex and Spontaneous Activity
of the Human Fetus During Embryogenesis, by
Ye. L. Golubeva, E. V. Sivkova, I. I.
Vanshteyn, 9 pp.

RUSSIAN, per, ~~Nauka i Sotsiologiya~~, No 3, 1959,
pp 59-62.

MM 1-4-61

Sci - Med
Mar 61

141, 631

Telluric Currents in the Ocean and Magnetic
Declination, by V. V. Smirgina.
RUSSIAN, per, Radiotekhnika i elektronika, Vol
11, No 2, 1956, pp 257-260.
*ACIC TC-1377

81

Sci-Earth Sci
Feb 68

Role of Heterochronic Maturation of Embryonic Structures in the Formation of Normal Functions in the Newborn, by K. V. Zulevskina, 10 pp.

RUSSIAN, per, Akad. i Ginekologiya, No 4, 1958,
pp 49-53.

MIN 1-3-61

Sci - Med
Mar 61

141, 630
SLA: 61-15811

103

On Nonlinear Oscillations of a Plate,
by L. F. Shul'ezhko, 15 pp.
~~Rossian, Col of Art, Publishing House Matematicheskaya Literatura, Differential'nykh Uravnenii, No. 1, 1963, pp. 141-154.~~
~~USSR Acad. Institute Matematiki, 1963, pp. 141-154.~~
P100028963-V
PTD-MF-64-322

Sci-Mathematical Sci
Feb 63 350,524

L.F. Shul'ezhko

Raising the Stability of Flexible Plates and
Cylindrical Panels With the Aid of Vibrations,
by L. F. Shulezko, 7 pp.
UKRAINIAN, per, Akademiia Nauk Ukrainskoj SSR, Dnepropol', No 1,
1964, pp 13-14. 9696308
FTD-TT-64-919

72

Sci - Phys
Mar 65

L.F. Shulezko

276,897

Investigation of the Dynamic Stability of a Cylindrical Shell Under the Effect of High-Frequency Axial Periodic Forces, by L. F. Shulezhko, 7 pp.

RUSSIAN, per, Ukrainsk Matematicheskii Zhurnal, Vol XV, No 3, 1963,
pp 338-343.

CIA/TDD X-5319

Sci - Physics
Jan 64
FOR OFFICIAL USE ONLY

248,856

Theory of Stability of Thin Elastic Aniso-
tropic Plates of Variable Rigidity, by
P. G. Shulegko.
RUSSIAN, per, Prikladnaya Matematika i
Mekhanika, Vol 7, No 2-3, 1942, pp 139-150.
*NASA TT F-11, S46

91

Sci-Mech
Jan 68

106
Theory of Stability of Thin Elastic Anisotropic
Plates of Variable Rigidity, by P. G. Shulezko,
GERMAN, per, Prikladnaya Mat i Mekh, Vol 6,
No 2-3, 1942, pp 139-150.
NASA TT-K-11,346

P. G. Shulezko
Sci - Chem
Oct 67

342,677

Investigation on the Nature of the Fracture of
Ductile Metals in Stress Concentration Conditions,
by B. N. Shul'gin, 10 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VIII,
No 4, 1959, pp 595-606.

PP

Sci

123, 524

Aug 60

N. G. Shul'ga

Dilatometric study of phase transformations in
High-chromium steels. 8 pp.
RUSSIAN, Izvestiya VUZ. Chernaya metallurgiya, No 9,
1963, pp 156-160
AIR/PTD-MT-24-1422-71

oct 72

New Data on the Devonian of the Dnepr-Donets
Depression, by P. L. Shulga, A. M. Ishchenko,
T. A. Ishchenko and S. V. Gorak, 4 pp.

RUSSIA, per, Dok Ak Nauk SSSR, Vol CXV, №
4, 1957, pp 780-.

Consultants Bureau

Sci - Geophys

Sep 58

72,653

Lithology and Stratigraphic Problems of Pre-
ordovician Deposits of Western Volynya, by M. P.
Kozhich-Zelenko, P. L. Shul'ga, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geolog, No 9,
1960.

AGJ

180, 336

Sci

Jan 62

The Depositional Break at the Boundary Between the Bashkirian and Moscovian Stages in the Dnieper-Donets Depression, by P. L. Smilga, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CKIII, No 5,
1957, pp 1127, 1128.

Consultants Bureau

Sci - Geophysics
Jun 58

66,723

Approximate Formula for the Maximum Production
Rate of Water-Free and Gas-Free Oil From a
Formation Carrying Bottom Water and a Gas Cap, by
P. M. Shul'ga,

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Neft i Gaz,
Vol II, No 7, 1959, pp 33-40.

ATS 2327-RJ

Sci - Engr

Sep 60

124,908

Experience in Care of the Oral Cavity Among
Naval Personnel, by S.S. Shul'ga* (deceased)

RUSSIAN no per, Voyennno Med Zhur, No 3,
Moscow, March 1958, pp 71-72

US JPRS/NY 843

Fusibility in the Systems $\text{Na}_2\text{F}_2\text{-BaCl}_2\text{-CaF}_2$ and
 $\text{K}_2\text{Cl}_2\text{-BaCl}_2\text{-CaF}_2$, by V. A. Shul'ga, G. A. Bukhalova
11 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 9, 1957,
pp 2136-2144.

AEC-tr-4059
PL-480

Sci

<p>Shulga, V. Ya. A NEW TYPE OF TRACK UPPER STRUCTURE. [1963] [6p] (3 figs omitted) Order from OTS or SLA \$1.10 63-20379</p> <p>Trans. of Zheleznodorozhny Transport (USSR) 1963 [v. 45, no. 3] p. 52-54.</p> <p>DESCRIPTORS: *Railroad tracks, *Reinforced concrete, Beams (Structural), *Foundations (Structures),</p> <p>Experiments with reinforced concrete block-based railroad tracks confirms the expected stability of the type of track, its protection of the ballast from contamination and a significant drop in requirements both of labor and material for track maintenance.</p> <p>(Engineering--Civil, TT, v. 10, no. 12)</p>	<p>63-20379</p> <p>I. Shulga, V. Ya.</p> <p>...6184</p> <p>Office of Technical Services</p>
---	---

The Foundations of the Theory of Categories, by A. G.
Kurosh, A. Kh. Livshits, E. G. Shul'geifer, 46 pp.

RUSSIAN, per, Uspekhi Matemat Nauk, Vol XV, No 6,
1960, pp 3-52.

Cleaver-Hume Press

Sci

165, € 78

Aug 61

Changes of Cathode Potential on Connection and
Disconnection of Polarizing Current in Chromium
Plating, by M. A. Shulgar, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 6,
1960, pp 1355-1359.

CB

Sci

158, 453

Jun 61

More About the Climatic Change of Western Siberia,
by A. M. Shulgin.

RUSSIAN, year, Iz Vses Geograf Obsch, Vol XCV, No 2,
1963, pp 168-173.

MLL Ref: 5828.4 1963 (5 352)
(Locn)

Sci - Earth Sci & Astron
Oct 63:

240, 199

Bioclimatology as a Scientific Discipline and Its
Current Objectives, by A. M. Shul'gin, 7 pp.

RUSSIAN, per, Iz Vses Geograf Obshch, No 1, 1960,
pp 81-84.

Soc
Amer Geograf ~~Exhibit~~

USSR
Geographic
Nov 60

133,978

Solar Radiation in Different Plasma States, by
A. M. Shul'gin.

RUSSIAN, per, Meteorol i Gidrol, Vol II, 1956,
pp 32-34.

CSIRO-3262

Sci

S A R-3941

Aug 58

70,993

A

The Temperature Regime of Soils, by A. M. Shulgin. 47
RUSSIAN, bk. Temperaturnyj Rezonans Pochv, 1957.
pp 216.
CFTI-TT-65-50083

A. M. Shulgin

USA
SCI/Earth Sci
Jul 65

282,410

Nature of the Currents Producing the Fundamental Component of the Hum in Radio Valves,
by A. R. Shulgin.

RUSSIAN, per, Zhur Tekh Fiz, Vol XX,
No 12, 1950, pp 1505-1508.

CSIRO

Sci - Electron
May 62

196, 404

Paramagnetic Resonance of Irradiated
Lithium Myride Luminescent Crystals, by
B. V. Shul'gin, F. F. Gavrilov, 6 pp.
RUSSIAN, per, Izvestiya Vysshikh
Uchebnykh Zavedeniy. Fizika, No 1, 1967
pp 69-73.
AIR/PTD/HT-23-1446-67

74

Sci/Phys
Jan 69

353,276

NY-6870

A Study of Local Electrical Phenomena in the
Cerebral Cortex in Connection with the Elaboration
of Conditioned Reflexes and Internal Inhibition,
by G. I. Shul'gina, 8 pp.

RUSSIAN, bk, Eksperimental'noy Izucheniiye Zakonomernostey
Raboty Kory Bol'shnikh Polushariy, 1960, pp 14-20.

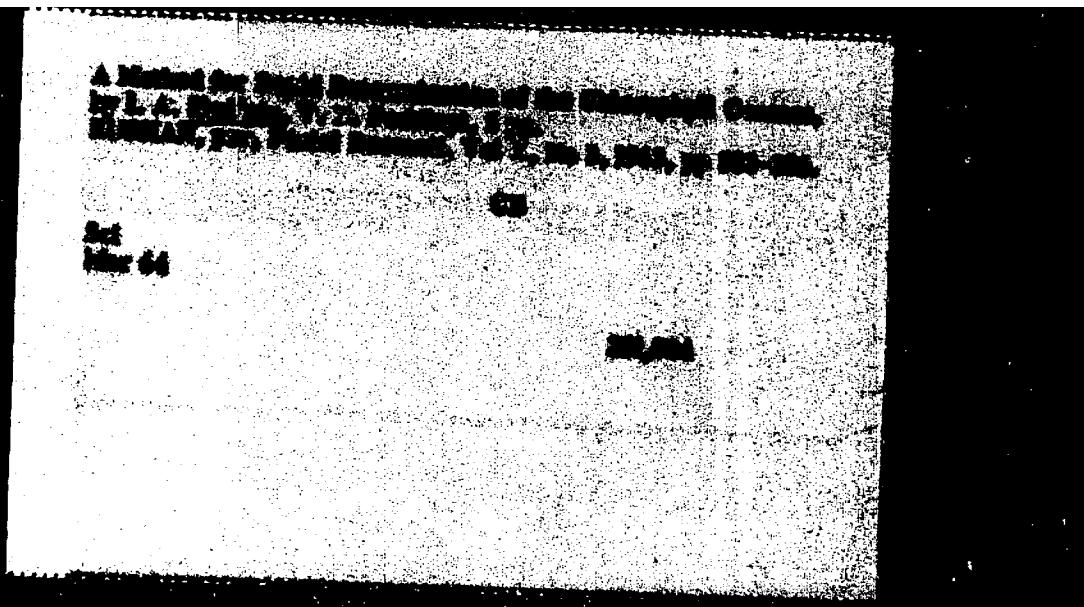
JPRS 12969

Sci-Med

188, 382

March 62

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On Some Aspects of the Studies of Light
Physiology and Photoculture of Plants, by
I. A. Shul'gin, V. S. Khazanov, T. B.
Rezenova, ---

RUSSIAN, per, Vestnik Sel'skokhozyaistvennoye
Nauk, Vol VII, No 1, 1962, pp 34-40. 9088136

USDA Tr A-1344

Sci - Biol

203,262

Jun 62

The Temperature of Plant Leaves on Artificial
Illumination, by, A. F. Kleshnin, I. A. Shul'gin,
8 pp.

Russian,
~~Full Translation of Soviet Periodical Biofiz,~~
Vol III, No 4, 1958, pp 446-452.

Pergamon Inst

Sci - Biol

Apr 59

86,049

The Optical Characteristics of Xeromorphy and
Succulence of Plant Leaves, by I. A. Shul'gin,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 4, 1960, ~~pp 972-975~~ pp 972-975.

AIBS

Sci

^A May 61

152, 969

On the Reflection of Light as Related to Leaf
Structure, by I. A. Shul'gin, V. S. Khazanov,
A. F. Kleshnin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 2, 1960, pp 471-474.

AIBS

Sci

May 61

152, 964

The Optical Properties of Plant Leaves, by A. F.
Mechnik and I. A. Shul'gin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 5,
1959, pp 1158-1161.

Amer Inst of Biol Sci

Sci

Dec 59

102,038

Correlation Between Optical Properties of Plant
Leaves and Their Chlorophyl Content, by I. A.
Shul'gin and A. V. Kleshnin, 2 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXIV, No 6,
1959, pp 1371-.

Amer Inst of Biol Sci

Sci

Dec 59

102, 132

An Investigation of the Optical Properties of Leaves
of Woody Plants Using the SP-4 Spectrophotometer,
by I. A. Shul'gin, A. F. M. Kleshnin, M. I. Verbalova
V. Z. Podol'myy, 6 pp.

RUSSIAN, per, Fiz Rasteniy, Vol VII, No 3, 1960,
pp 300-308.

AIDS

Sci
Apr 61

145, 93°

On Some Aspects of the Studies of Light
Physiology and Photoculture of Plants, by
I. A. Shul'gin, V. S. Khazanov, T. B.
Rzhanova,

RUSSIAN, par, Vestnik Sel'skokhozyaistvennoye
Nauk, Vol VII, No 1, 1962, pp 34-40. 9088136

USDA Tr A-1344

Sci - Biol

203, 26.2

Jun 62

Optical Properties of Plant Leaves in the Ultraviolet
Region, by I.A. Shul'gin, A.F. Kleshnin, V.Z.
Podol'skiy, 3 pp.

RUSSIAN, per, Fiz Rasteniy, Vol VII, No 2, 1960,
pp 141-144.

Amer Inst of Biol Sci

Sci
Dec 60

134,836

A Photoelectric Method for Determining the Optical Properties of Plant Leaves, by I. A. Shul'gin,
A. F. Kleshnin, M. I. Verbolova, 5 pp.

RUSSIAN, per, Fiz Rasteniy, Vol V, No 5, 1958, pp
473-476.

Amer Inst of Biol Sci

Sci - Biol
Jul 59

91,532

On Transpiration Rate under Artificial Illumination, by A. P. Kleshnin and I. A. Shulgin,
6 pp.

RUSSIAN, per, Fiziol Rast, Vol IV, No 6, 1957,
pp 548-553.

Amer Inst of Biol Sci

Sci - Biol

Sep 58

71, 898

Scattering of Radiant Energy by Plant Leaves, by
I. N. Shulgin, V. S. Khazanov, 6 pp.

RUSSIAN, per, Biofiz, Vol VI, No 6, 1961.

Elsevier Pub Co

Sci

Oct 62

214,007

(SF-2276)

PULP AND PAPER INDUSTRY IN CUBA, BY V. N.
SHUL'GIN, V. I. MUDRIK, 8 PP.

RUSSIAN, PER, BUMAZHNAYA PROMYSHLENNOST', NO 5,
1962, PP 28-31.

JPRS 14815

LA - CUBA
ECON
AUG 62

206,338

Continuously Operating Apparatus for Black Acid,
by Yu. N. ~~et al.~~ Shul'gin, et al.

RUSSIAN, per, Gidroliz i Lesokhim Prom, Vol X, No 1,
1957, pp 27, 28.

AT&T RJ-1293

Sci - Chem
Apr 60

114,560

The Use of the Quaternary Diagrams for the
Systems $\text{CaO}-\text{MgO}-\text{P}_2\text{O}_5-\text{H}_2\text{O}$ for the Production of
Phosphate Fertilizers From Kara Tau. Phosphorites,
by A. P. Belopolsky, S. Ya. Shpunt, M. M. Shulgina,
8 pp.

Full translation.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVII, No 5,
1954, pp 493-~~500~~ 500. CIA C 39521

28,339 Consultants Bureau

Scientific - Chemistry
Nov 55 CTS/DEX

Physico-Chemical Analysis in the Field of Sulfuric Acid Treatment of Phosphates, by A. P. Belopolskiy, A. A. Taperova, M. T. Serebrennikova, N. N. Stulgina, 9 pp.

RUSSIAN, per, Zhur Khim Prom, Vol XIV, 1937, pp 504-507.

SEA R-2653

Sci

Aug 59

94,096

The Polytherm of the Ternary System MgO-P₂O₅-H₂O,
S. Ya. Shpunt, A. P. Belopolsky, M. N. Shulgina,

The Journal of Applied Chemistry of the USSR,
Vol XXIV, No 4, Apr 1951, pp 439 - 447 (Russ p 404).

Consultants Bureau
New York

b
Physicochemical Investigations of Magnesium Phosphates
(System MgO-P₂O₅-H₂O at 25° and 80° C), by A. P.
Belopol'skiy, S. Y. Shpunt, M. N. Shul'gina, 17 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXIII, N 1950,
pp 823-836.

SLA R-3039

Sci

Jul 59

92, 389

Physico-chemical Analysis in the Field of Nitric Acid-Treatment of Phosphates, by A. P. Belopolskiy,
M. N. Shulgina, M. T. Serebrennikova, S.Y. Shaput,
10 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol X, No 3, 1937,

SLA R-2868

Sci

Jul 59

92, 388

Isotherms at 50, 25, 58, 10, and 130 Degrees for
the Quaternary System MgO - CaO - P₂O₅ - H₂O., by
A. P. Belopol'sky, S. Ya. Shpunt, and M. N. Shulgina,
8 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVII, No 4,
Apr 1954, pp 391-401. CIA C 38934

Consultants Bureau

Scientific - Chemistry

27,006

CTB 73/Oct 55